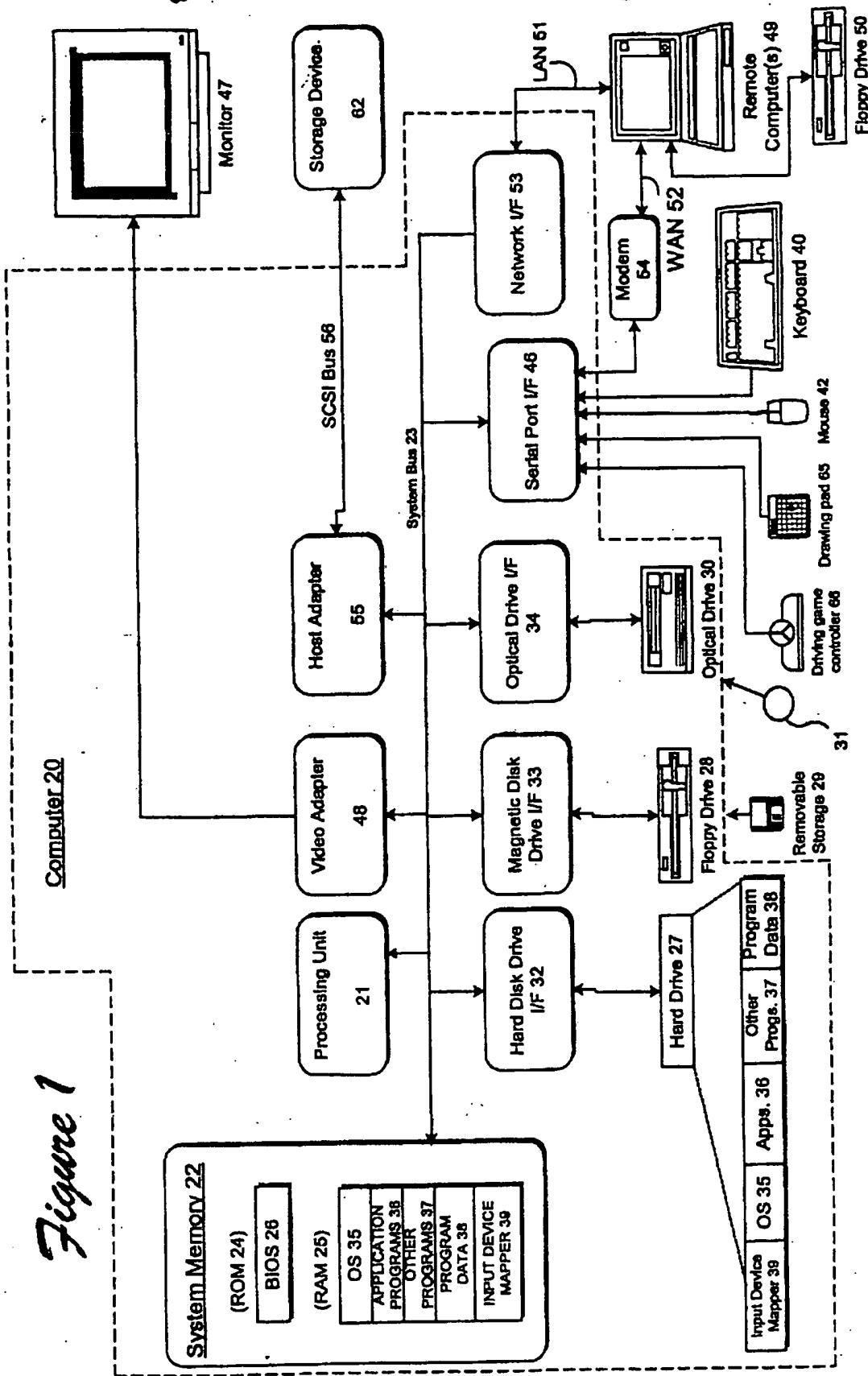


Figure 1

Computer 20



Application No. 09/855,274

INVENTORS: Evans et al.
 Title: APPLICATION PROGRAMMING INTERFACE THAT MAPS
 INPUT DEVICE CONTROLS TO SOFTWARE ACTIONS
 INVENTION PROGRAMMING INTERFACE THAT MAPS

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Application No. 09/855,274

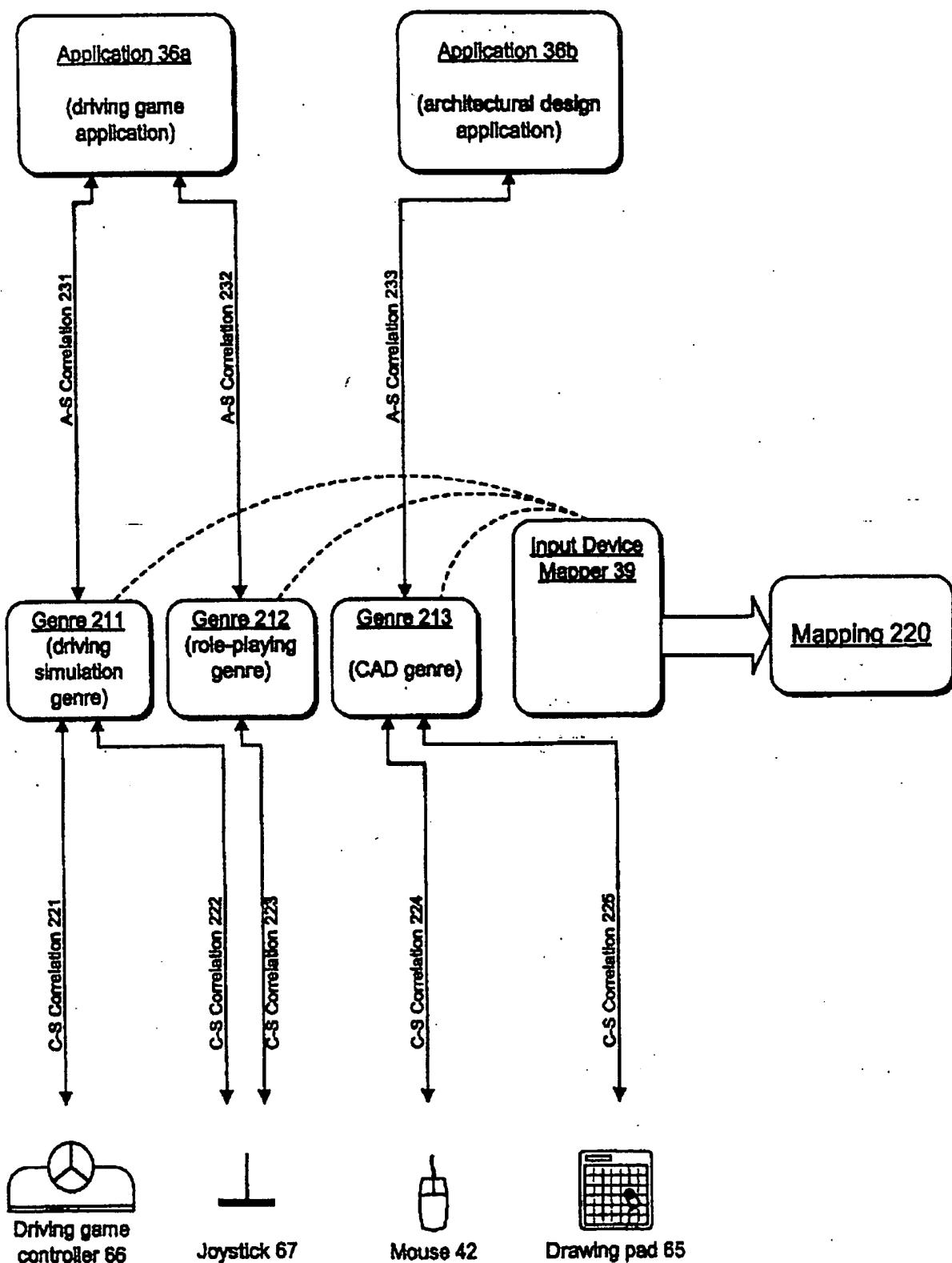


Figure 2

Figure 3

C-S Correlation 221

| CONTROL ON DEVICE 88 | SEMANTIC |
|----------------------|------------|
| Trigger 1 | FIRE |
| Button 1 | SHIFT UP |
| Steering Wheel | STEER |
| Right Pedal | ACCELERATE |
| Left Pedal | DECELERATE |
| Button 2 | TALK |
| Vibrate | RUMBLE |

301

302

401

402

Figure 4

A-S Correlation 231

| ACTION IN APPLICATION 36a | SEMANTIC |
|----------------------------|-------------|
| turn left or right | STEER |
| speed up | ACCELERATE |
| slow down | DECCELERATE |
| change to next higher gear | SHIFT UP |
| fire machine guns | FIRE |
| change dash display | DASHBOARD |
| feedback | RUMBLE |

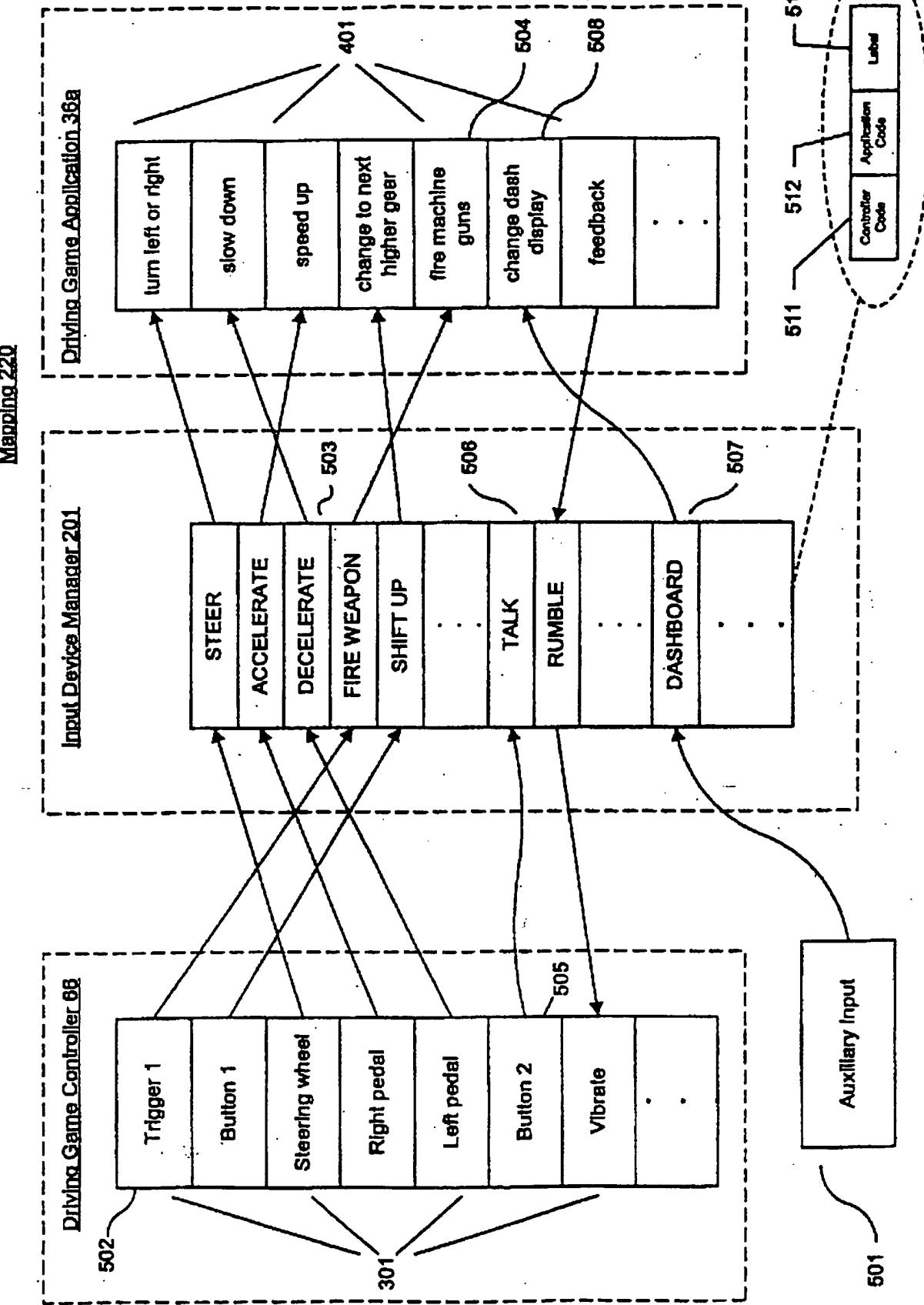
Application No. 09/855,274

SOFTWARE ACTIONS

THAT MAPS INPUT DEVICE CONTROLS TO
APPLICATION PROGRAMMING INTERFACE

Inventors: Evans et al.

Figure 5



Title: APPLICATION PROGRAMMING INTERFACE
Inventors: Evans et al.
THAT MAPS INPUT DEVICE CONTROLS TO
SOFTWARE ACTIONS
Application No. 09/855,274

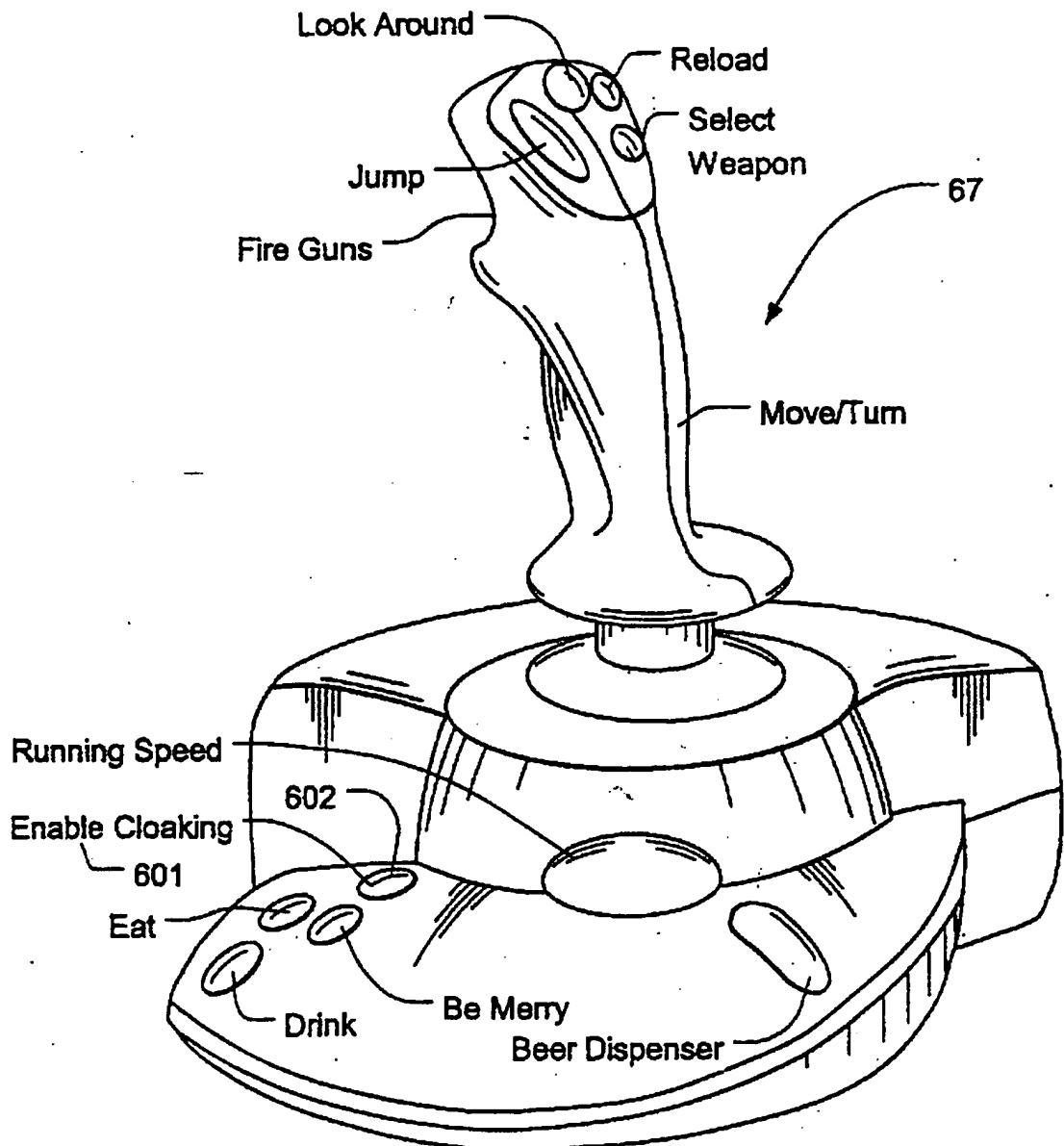


Figure 6

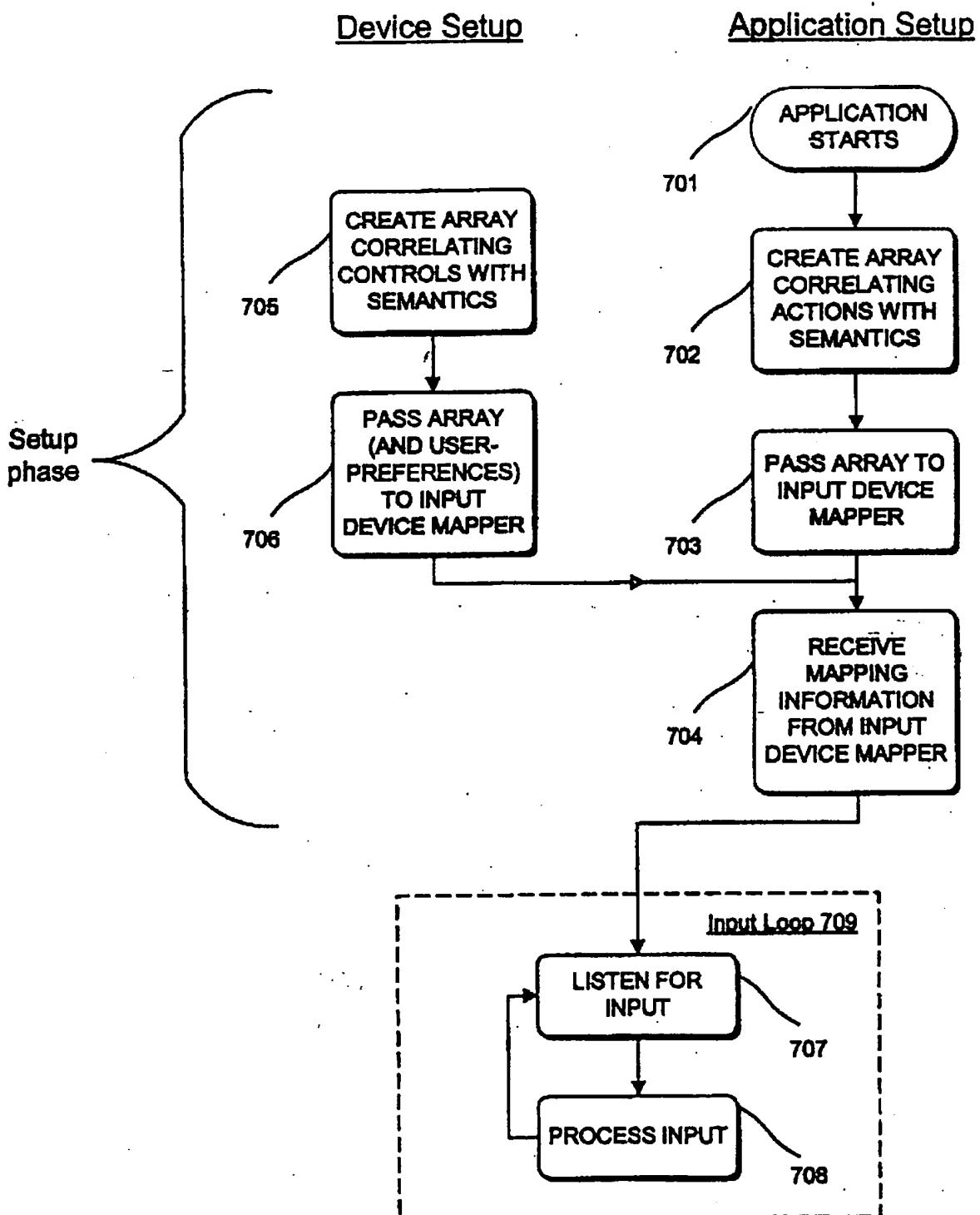
Inventors: Evans et al.

Title: APPLICATION PROGRAMMING INTERFACE
THAT MAPS INPUT DEVICE CONTROLS

SOFTWARE ACTIONS

Application No. Q9/855,274

Figure 7



Inventors: Evans et al.
Title: APPLICATION PROGRAMMING INTERFACE
THAT MAPS INPUT DEVICE CONTROLS TO
SOFTWARE ACTIONS
Application No. 09/855,274

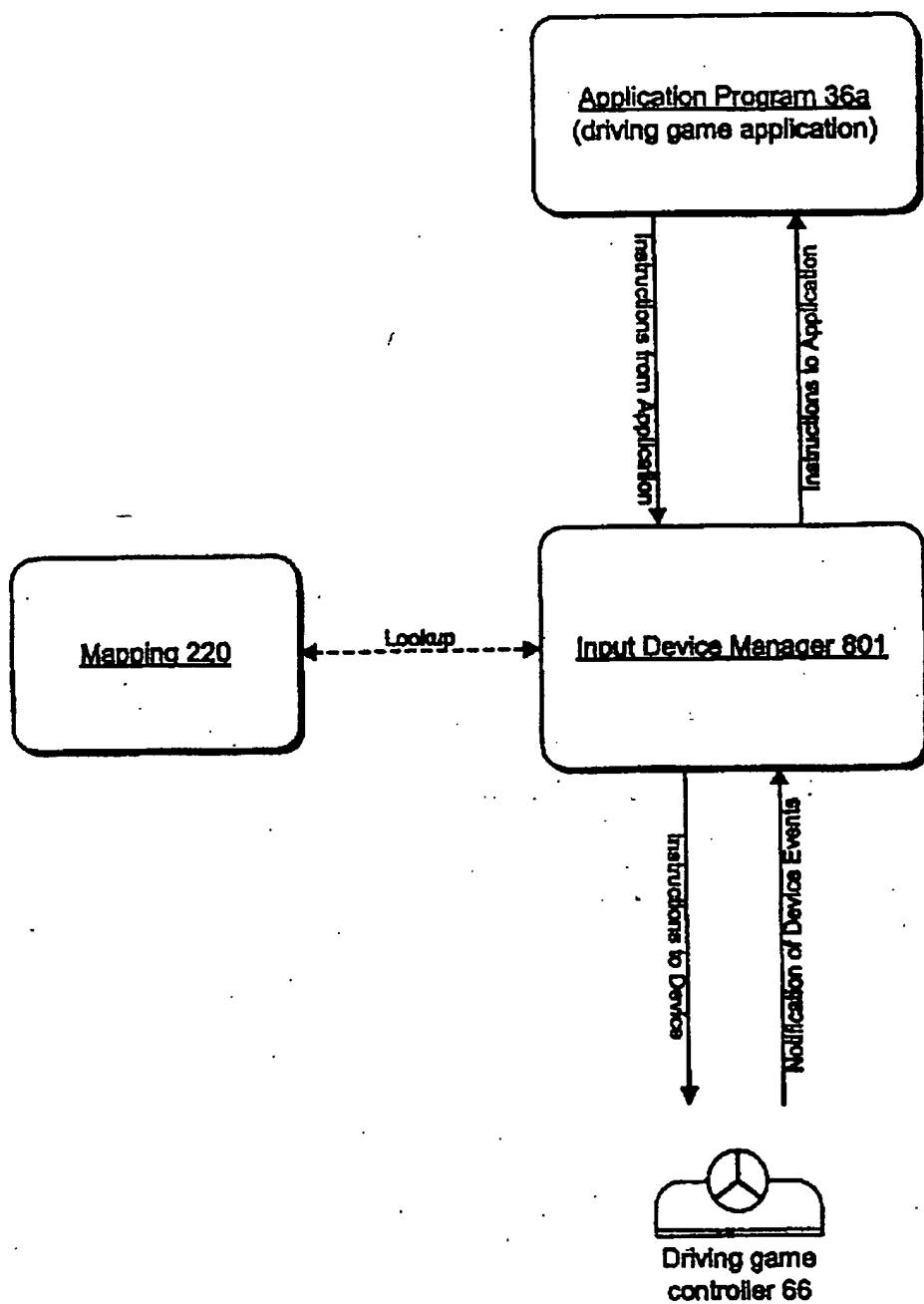


Figure 8

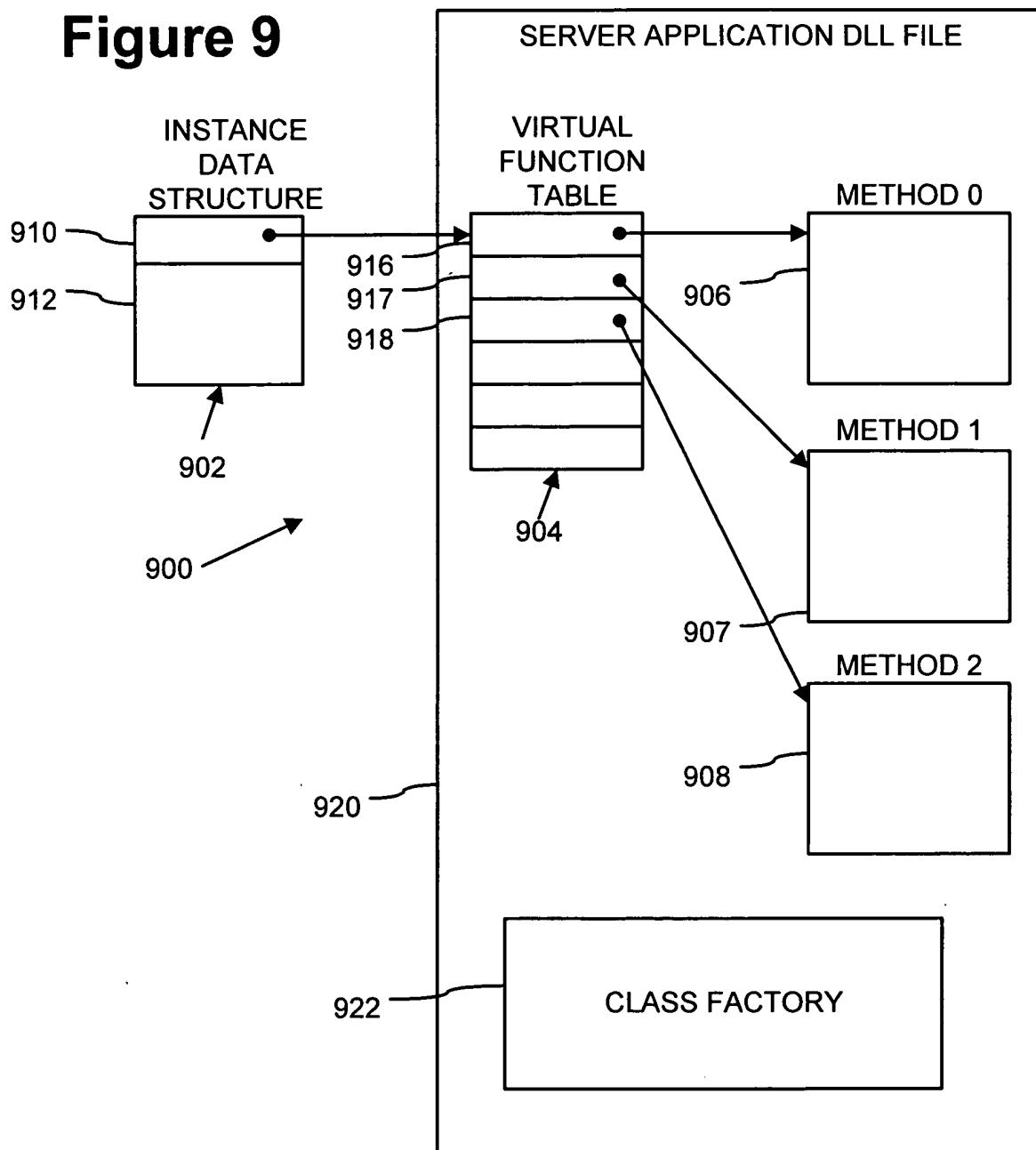
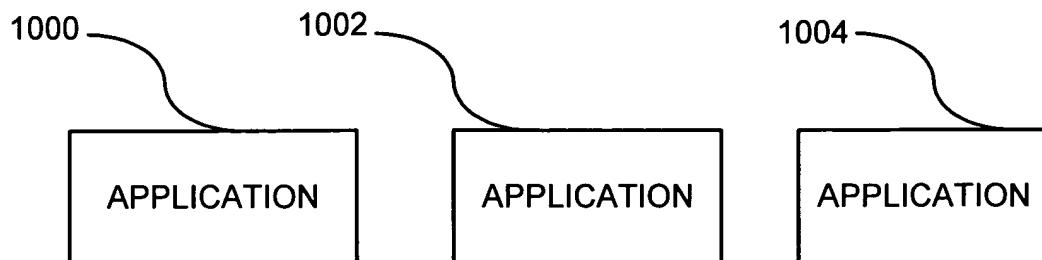
Figure 9

Figure 10



MAPPER API 1006

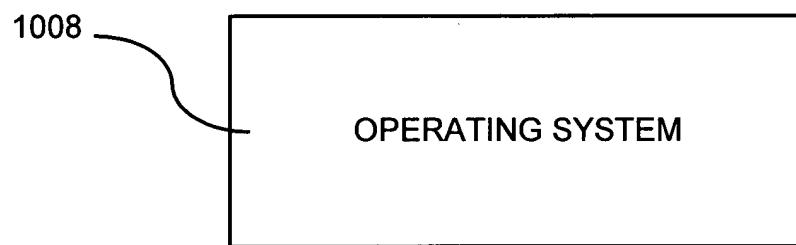


Figure 11

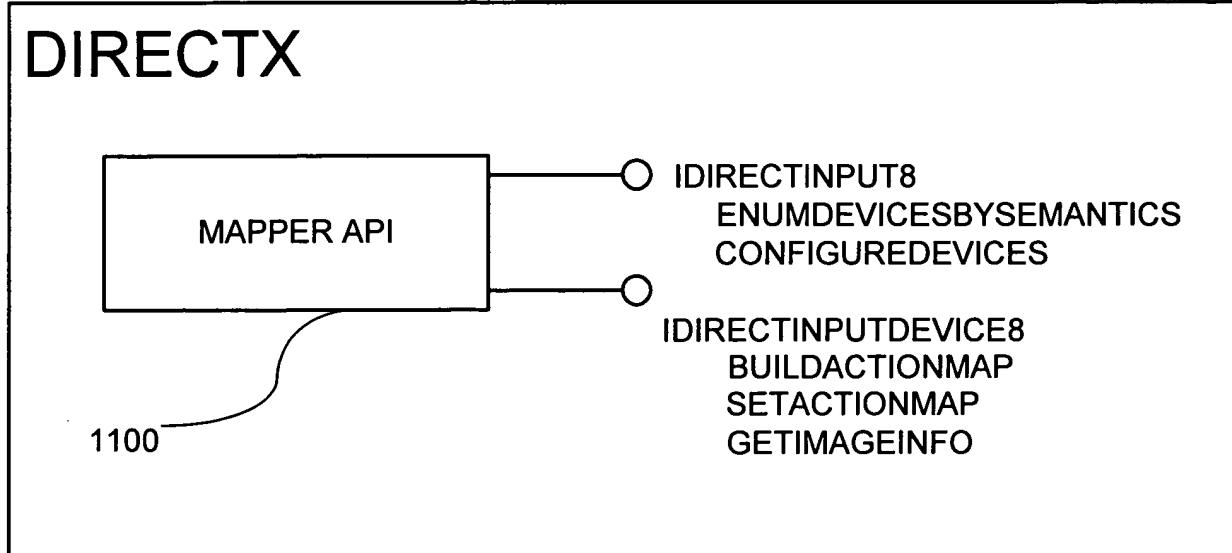


Figure 12

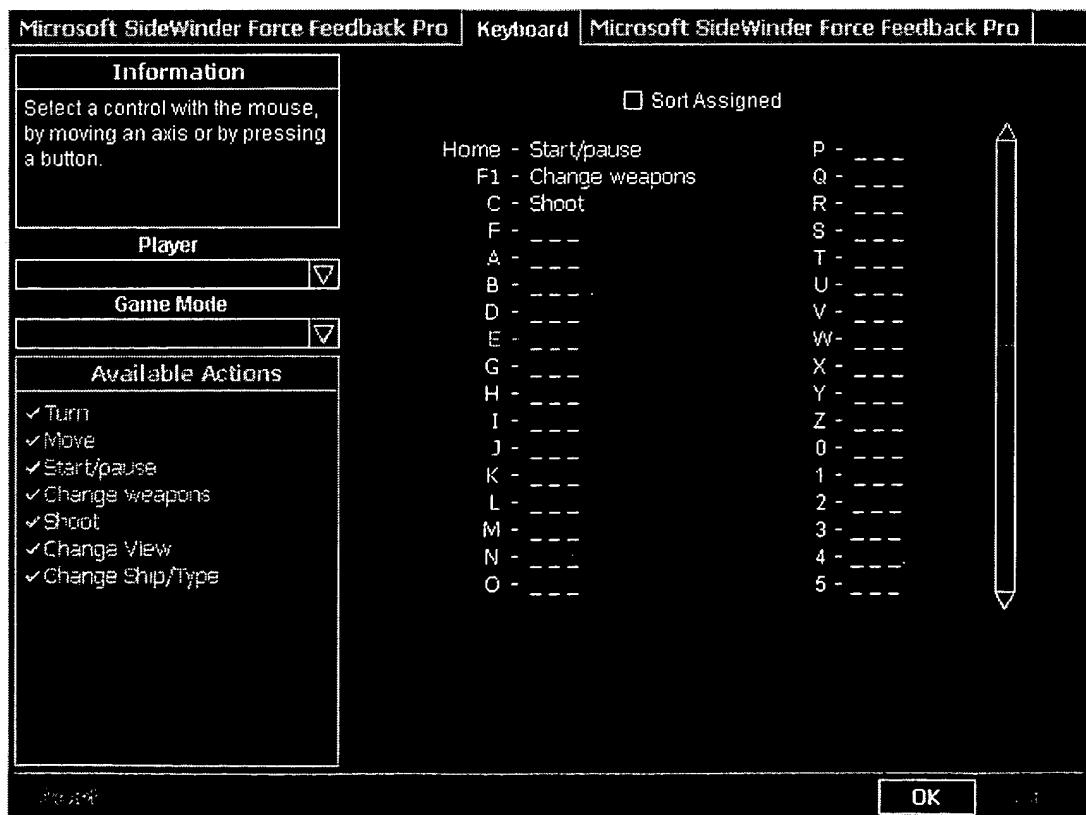
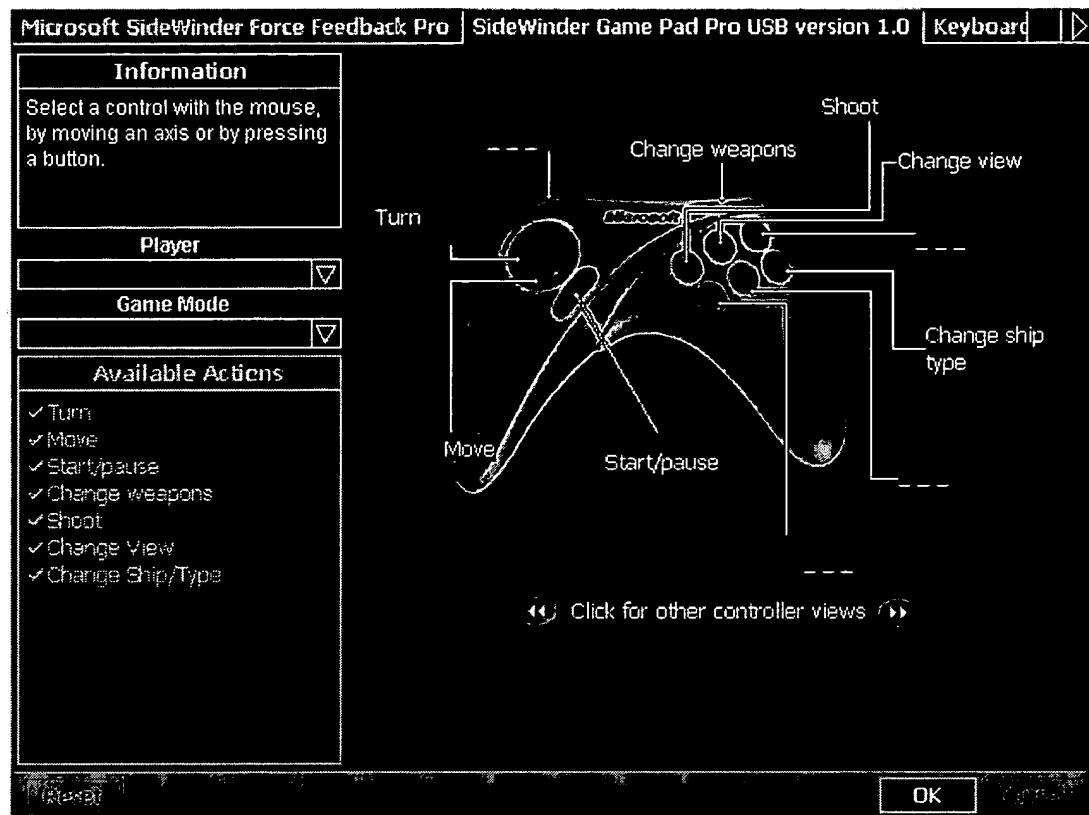


Figure 13

ENUMDEVICESBYSEMANTICS

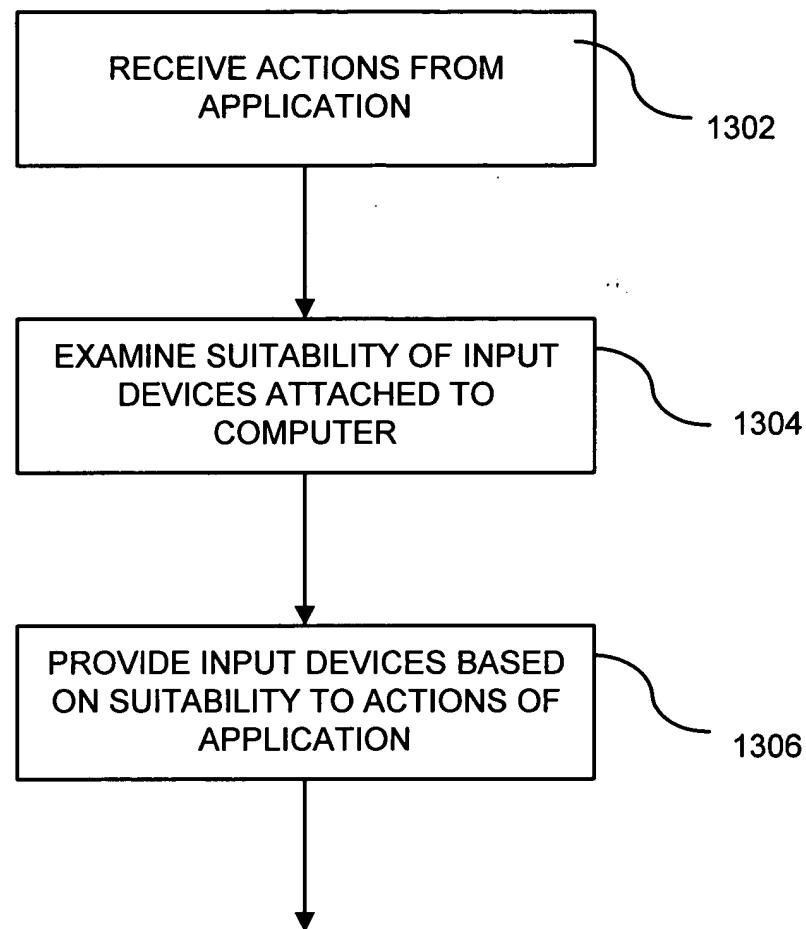


Figure 14

CONFIGDEVICES

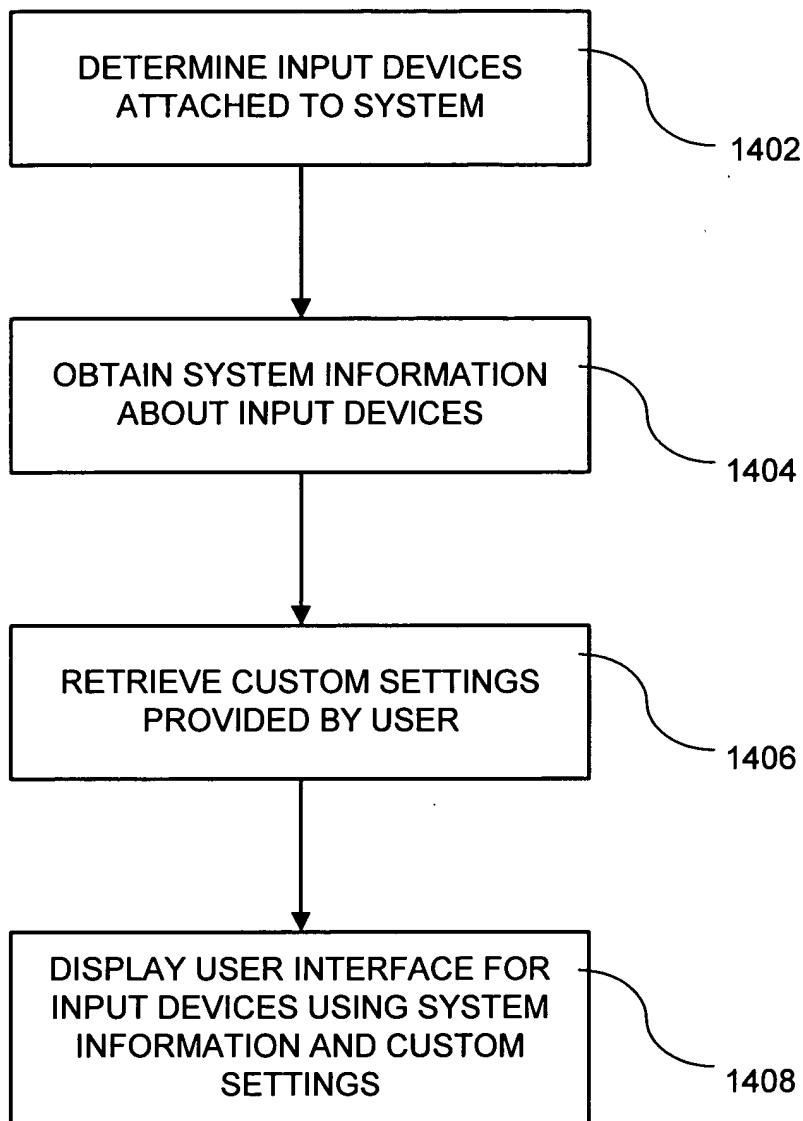


Figure 15

BUILDACTIONMAP

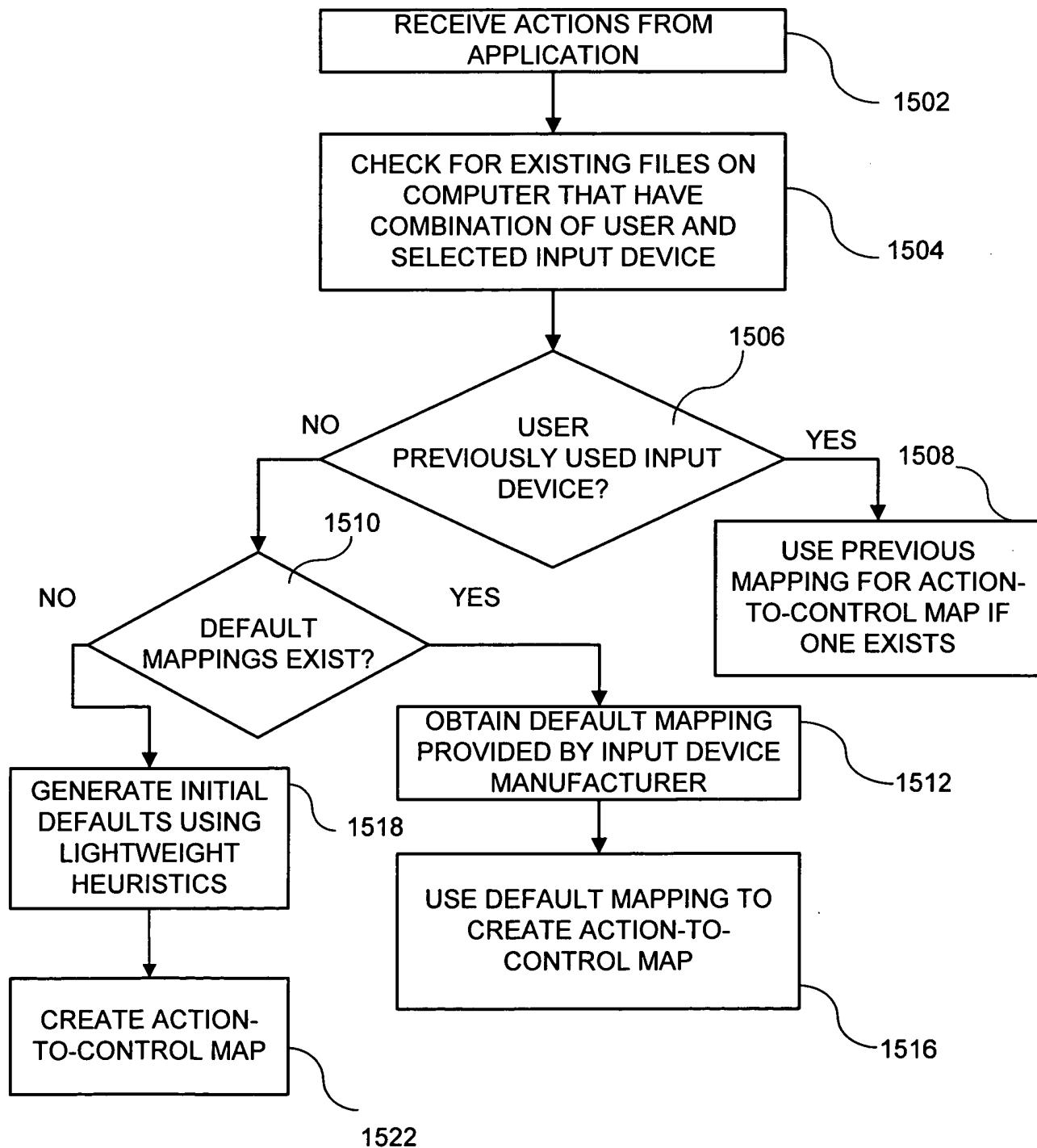
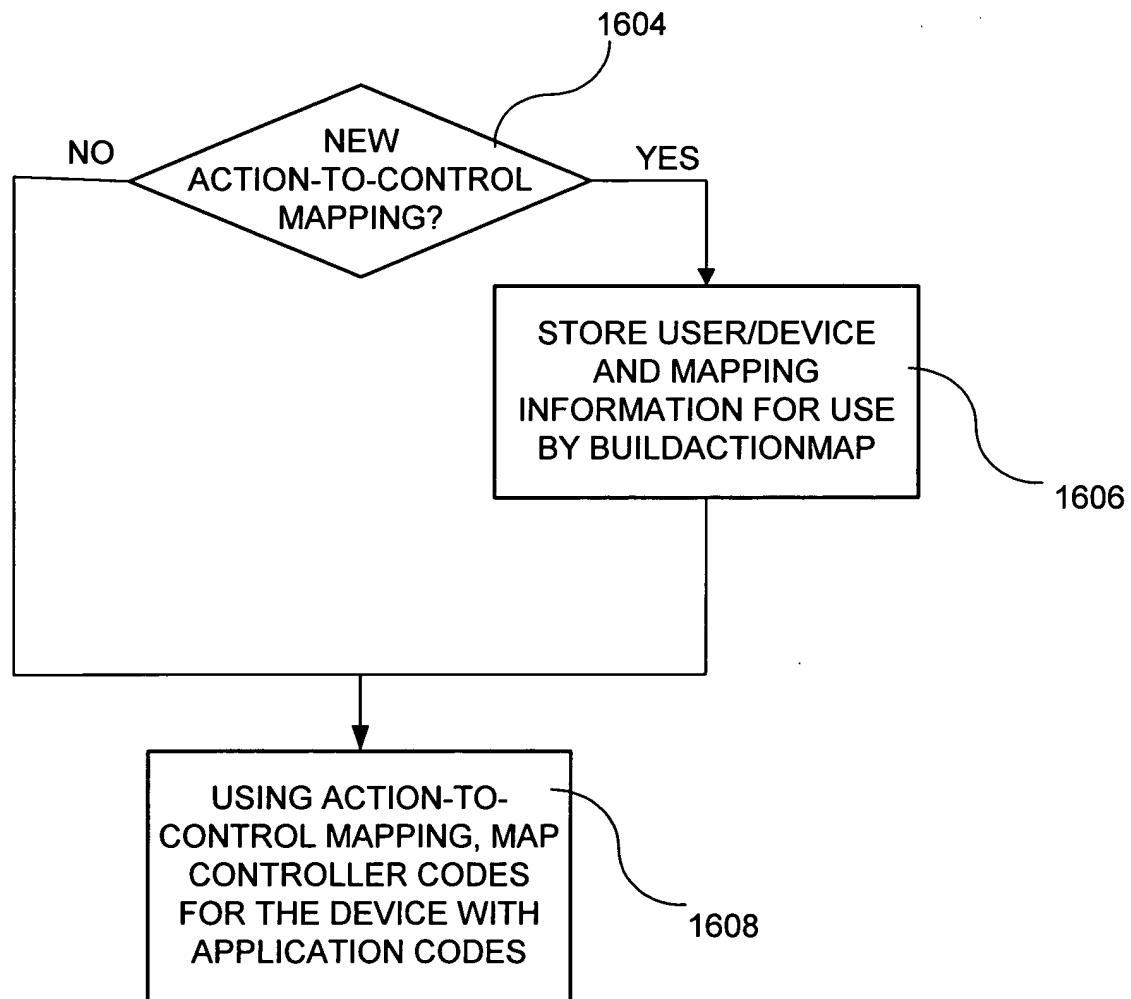


Figure 16

SETACTIONMAP



Inventors: Evans et al.

Title: APPLICATION PROGRAMMING INTERFACE
THAT MAPS INPUT DEVICE CONTROL TO
SOFTWARE ACTIONS
Application No. 09/855,274

Figure 17

GETIMAGEINFO

